

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,951,735 B2
DATED : October 4, 2005
INVENTOR(S) : Yu et al.

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

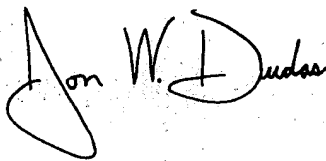
Delete drawing sheets 1-6 and substitute drawing sheets consisting of Fig 1-4 as shown on the attached pages.

Column 65,

Lines 1-2, delete "claim 52" and insert -- claim 50 --.

Signed and Sealed this

Eleventh Day of April, 2006

A handwritten signature in black ink, reading "Jon W. Dudas", is enclosed within a rectangular dashed-line box.

JON W. DUDAS

Director of the United States Patent and Trademark Office

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10 30 50
CATGGGTGGGGTGGGGGCGCTGCTGGATTCTGCTCTGGTGGAGGGGAACTTGTGAGG

70 90 110
GGCTGGTAAGCGCCCCCTCGAAGCCTGGTGTGTGCGGGGGGAAGGAAGTTAGTTTCC

130 150 170
TCTCCACCCATGGGCACCCCTTCTGCCCGGGGCTGGGAAGTGGGCTGCTCTGTGGGCAA

190 210 230
ATGCTGGGGCCTCTGAAATGGAGGAGACGCAGCAGGGAGAGGCCCCACGTGGGCAGCTGC
M E E T O O G E A P R G O L R

250 270 290
GCGGAGAGTCAGCAGCACCTGTCCCCAGGCGCTCCTCCTGGTGTGCTGCTGGGGGCCCCGGG
G E S A A P V P O A L L L V L L G A R A

310 330 350
CCCAGGGCGGCACTCGTAGCCCCAGGTGTGACTGTGCCGGTGACTTCCACAAGAAGATTG
Q G G T R S P R C D C A G D F H K K I G

370 390 410
GTCTGTTTTGTTGCAGAGGCTGCCAGCGGGGCACTACCTGAAGGCCCTTGCACGGAGC
L F C C R G C P A G H Y L K A P C T E P

430 450 470
CCTGCGGCAACTCCACCTGCCTTGTGTGTCCCAAGACACCTTCTTGGCCTGGGAGAACC
C G N S T C L V C P Q D T F L A W E N H

490 510 530
ACCATAATTCTGAATGTGCCCGCTGCCAGGCCTGTGATGAGCAGGCCTCCAGGTGGCGC
H N S E C A R C Q A C D E Q A S Q V A L

550 570 590
TGGAGAACTGTTTCAGCAGTGGCCGACACCCGCTGTGGCTGTAAGCCAGGCTGGTTTGTGG
E N C S A V A D T R C G C K P G W F V E

610 630 650
AGTGCCAGGTGAGCCAATGTGTGTCAGCAGTTACCCCTTCTACTGCCAACCATGCCTAGACT
C Q V S Q C V S S S P F Y C Q P C L D C

FIG. 1A

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670 690 710
GCGGGGCCCTGCACGCCCACACACGGCTACTCTGTTCCCGCAGAGATACTGACTGTGGGA
G A L H R H T R L L C S R R D T D C G T

730 750 770
CCTGCCTGCCTGGCTTCTATGAACATGGCGATGGCTGCGTGTCTGCCCCAGAGCACCC
C L P G F Y E H G D G C V S C P T S T L

790 810 830
TGGGGAGCTGTCCAGAGCGCTGTGCCGCTGTCTGTGGCTGGAGGCAGATGTTCTGGGTCC
G S C P E R C A A V C G W R Q N F W V Q

850 870 890
AGGTGCTCCTGGCTGGCCTTGTGTTCCCTCCTGCTTGGGGCCACCCTGACCTACACAT
V L L A G L V V P L L L G A T L T Y T Y

910 930 950
ACCGCCACTGCTGGCCTCACAAGCCCCTGGTTACTGCAGATGAAGCTGGGATGGAGGCTC
R H C W P H K P L V T A D E A G M E A L

970 990 1010
TGACCCACCCACCGGCCACCCATCTGTCAACCTTGGACACGCCCACACCCTTCTAGCAC
T P P P A T H L S P L D S A H T L L A P

1030 1050 1070
CTCCTGACAGCAGTGAGAAGATCTGCACCGTCCAGTTGGTGGGTAACAGCTGGACCCCTG
P D S S E K I C T V Q L V G N S W T P G

1090 1110 1130
GCTACCCCGAGACCCAGGAGCGCTCTGCCCGCAGGTGACATGGTCTGGGACCAGTTGC
Y P E T Q E A L C P Q V T W S W D Q L P

1150 1170 1190
CCAGCAGAGCTCTTGGCCCCGCTGTGCGCCCACTCTCGCCAGAGTCCCAGCCGGCT
S R A L G P A A A P T L S P E S P A G S

1210 1230 1250
CGCCAGCCATGATGCTGCAGCCGGGCCGCGAGCTCTACGACGTGATGGACGCGGTCCCAG
P A M M L Q P G P Q L Y D V M D A V P A

1270 1290 1310
CGCGGCGCTGGAAGGAGTTCTGTGGCAGCTGGGGCTGCGCGAGGCAGAGATCGAAGCCG
R R W K E F V R T I G L R E A E I E A V

FIG.1B

1330 1350 1370
TGGAGGTGGAGATCGGCCGCTTCCGAGACCAGCAGTACGAGATGCTCAAGCGCTGGCGCC
E V E I G R F R D O O Y E M L K R W R O

1390 1410 1430
AGCAGCAGCCCGCGGGCCTCGGAGCCGTTTACGCGGCCCTGGAGCGCATGGGGCTGGACG
O O P A G L G A V Y A A L E R M G L D G

1450 1470 1490
GCTGCGTGGAAGACTTGCGCAGCCGCCTGCAGCGCGGCCCGTGACACGGCGCCCACTTGC
C V E D L R S R L Q R G P *

1510 1530 1550
CACCTAGGCGCTCTGGTGGCCCTTGCGAGAAGCCCTAAGTACGGTTACTTATGCGTGTAGA

1570 1590 1610
CATTTTATGTCACTTATTAAGCCGCTGGCACGGCCCTGCGTAGCAGCACCAGCCGGCCCC

1630 1650 1670
ACCCCTGCTCGCCCCTATCGCTCCAGCCAAGGCGAAGAAGCACGAACGAATGTCGAGAGG

1690 1710 1730
GGGTGAAGACATTTCTCAACTTCTCGGCCGGAGTTTGGCTGAGATCGCGGTATTAAATCT

1750 1770
GTGAAAGAAAACAAAACAAAACAAAAAAAAAAAAAAAAAAAAA

FIG.1C

1 ATGGAGCAGC GGCOCGGGGG CTGCGCGGGG GTGGCGGGGG GGCTCCTCCT GGTGCTGCTG
 M E Q R P R G C A A V A A A L L L V L L

61 GGGGCCCCGG CCCAGGGGGG CACTGTAGC CCCAGGTGTG ACTGTGCGGG TGACTTCCAC
 G A R A Q G G T R S P R C D C A G D F H

121 AAGAAGATTG GTCTGTTTTG TTGCAGAGGC TGCCACAGCG GGCCTACCT GAAGGCCCCCT
 K K I G L F C C R G C P A G H Y L K A P

181 TGCAOGGAGC OCTGOGGCAA CTCACCTGC CTTGTGTGTC CCAAGACAC CTTCTTGGCC
 C T E P C G N S T C L V C P Q D T F L A

241 TGGGAGAACC ACCATAATTC TGAATGTGCC CGCTGCCAGG CCTGTGATGA GCAGGCTCC
 W E N H H N S E C A R C Q A C D E Q A S

301 CAGGTGGGGC TGGAGAAGTG TTCAGCAGTG GCGACACCC GCTGTGGCTG TAAGCCAGGC
 Q V A L E N C S A V A D T R C G C K P G

361 TGGTTTGTGG AGTGCCAGGT CAGCCAATGT GTCAGCAGTT CACCTTCTA CTGCCAACA
 W F V E C Q V S Q C V S S S P F Y C Q P

421 TGCCTAGACT GCGGGGCCCT GCACGGCCAC ACACGGCTAC TCTGTTCCCG CAGAGATACT
 C L D C G A L H R H T R L L C S R R D T

481 GACTGTGGGA CCTGCCTGCC TGGCTTCTAT GAACATGGCG ATGGCTGGT GTCCTGCCCC
 D C G T C L P G F Y E H G D G C V S C P

541 ACGAGCAGCC TGGGGAGCTG TCCAGAGCGC TGTGCGGCTG TCTGTGGCTG GAGGCAGATG
 T S T L G S C P E R C A A V C G W R Q M

601 TTCTGGGTCC AGGTGCTCCT GGCTGGCCTT GTGGTCCCCC TCCTGCTTGG GGCCACCTG
 F W V Q V L L A G L V V P L L L G A T L

661 ACCTACACAT ACGCCACTG CTGGCCTCAC AAGCCCCTGG TTAGTCAGA TGAAGCTGGG
 T Y T Y R H C W P H K P L V T A D E A G

721 ATGGAGGCTC TGACCCACGC ACGGCCACCC CATCTGTCAC CCTTGGACAG GCGCCACACC
 M E A L T P P P A T H L S P L D S A H T

781 CTTCTAGCAC CTCCTGACAG CAGTGAGAAG ATCTGCACCG TCCAGTTGGT GGGTAACAGC
 L L A P P D S S E K I C T V Q L V G N S

FIG.2A

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841 TGGACCCCTG GCTACCCCGA GACCCAGGAG GCGCTCTGCC GGCAGGTGAC ATGGTCCTGG
W T P G Y P E T Q E A L C P Q V T W S W

901 GACCAGTTGC CCAGCAGAGC TCTTGGCCCC GCTGCTGCGC CCACACTCTC GCCAGAGTCC
D Q L P S R A L G P A A A P T L S P E S

961 CCAGCCGGCT CGCCAGCCAT GATGCTGCAG CCGGGCCCGC AGCTCTACGA CGTGATGGAC
P A G S P A M M L Q P G P Q L Y D V M D

1021 GCGGTCCCAG CGCGGCGCTG GAAGGAGTTC GTGGCGACGC TGGGGCTGGC CGAGGCAGAG
A V P A R R W K E F V R T L G L R E A E

1081 ATCGAAGCCG TGGAGGTGGA GATCGGCCGC TTCGAGACC AGCAGTACGA GATGCTCAAG
I E A V E V E I G R F R D Q Q Y E M L K

1141 CGCTGGCGCC AGCAGCAGCC CGCGGGCCTC GGAGCCGTTT ACGCGGCCCT GGAGCGCATG
R W R Q Q Q P A G L G A V Y A A L E R M

1201 GGGCTGGACG GCTGCGTGGA AGACTTGCGC AGCGCCCTGC AGCGCGGCCC GTGA
G L D G C V E D L R S R L Q R G P

FIG.2B

Consensus #1 M

DDCR	M	E	E	T	Q	Q	G	E	A	P	R	G	L	R	G	E	S	A	A	P	V	P	Q	A	L	L	V	L	30		
TNFR1	M	G	L	S	T	V	P	D	L	L	L	P	L	V	L	L	E	L	L	V	G	I	Y	P	S	G	V	I	G	L	30
FAS	M	-	L	G	I	W	T	L	L	P	L	V	L	T	S	V	A	R	L	S	S	K	S	V	N	A	Q	V	T	D	29

Consensus #1 C

DDCR	L	G	A	R	A	Q	G	G	T	R	S	P	R	C	D	C	A	G	D	F	H	-	-	K	K	I	G	L	F	C	58
TNFR1	V	P	H	L	G	D	R	E	K	R	D	S	V	C	P	Q	G	K	Y	I	H	-	-	P	Q	N	N	S	I	C	58
FAS	I	N	S	K	G	L	E	L	R	K	T	V	T	T	V	E	T	Q	N	L	E	G	L	H	H	D	G	Q	F	C	59

Consensus #1 . . . C . . G C C . . C

DDCR	C	R	G	C	P	A	G	H	Y	L	K	A	P	C	T	E	P	C	G	N	S	T	C	L	V	C	P	Q	D	T	88
TNFR1	C	T	K	C	H	K	G	T	Y	L	Y	N	D	C	P	G	P	G	Q	D	T	D	C	R	E	C	E	S	G	S	88
FAS	H	K	P	C	P	P	G	E	R	K	A	R	D	C	T	Y	N	G	D	E	P	D	C	V	P	C	Q	E	G	K	89

Consensus #1 H . . . C . . C . . C C

DDCR	F	L	A	W	E	N	H	H	N	S	E	C	A	R	C	Q	A	C	D	E	Q	A	S	Q	V	A	L	E	N	C	118
TNFR1	F	T	A	S	E	N	H	L	R	-	H	C	L	S	C	S	K	C	R	K	E	M	G	Q	V	E	I	S	S	C	117
FAS	E	Y	T	D	K	A	H	F	S	S	K	C	R	R	C	R	L	C	D	E	G	H	G	L	E	V	E	I	N	C	119

FIG.3A

Consensus #1 T . C . C

DDCR	S	A	V	A	D	T	R	C	G	C	K	P	G	W	F	V	E	C	---	Q	V	S	Q	C	V	S	S	S	145
TNFR1	T	V	D	R	D	T	V	C	G	C	R	K	N	Q	Y	R	H	Y	W	S	E	N	L	F	Q	C	---	144	
FAS	T	R	T	Q	N	I	K	C	R	C	K	P	N	F	F	Q	N	---	---	---	---	---	---	---	---	---	137		

Consensus #1 C

DDCR	P	F	Y	C	Q	P	C	L	D	C	G	A	L	H	R	H	T	R	L	L	C	S	R	R	D	T	D	C	G	T	175	
TNFR1	-	F	N	C	S	L	C	L	N	-	G	T	V	H	---	-	-	-	-	L	S	C	Q	E	K	Q	N	T	V	C	T	167
FAS	-	-	-	S	T	V	C	E	H	C	D	P	---	---	---	---	---	---	---	---	---	---	---	---	---	---	C	T	K	148		

Consensus #1 C . . G C C . .

DDCR	C	L	P	G	F	Y	E	H	G	D	G	C	V	S	C	P	T	S	T	L	G	-	S	C	P	E	R	C	-	-	203	
TNFR1	C	H	A	G	F	F	L	R	E	N	E	C	V	S	C	S	N	C	K	K	S	L	E	C	T	K	L	C	L	P	197	
FAS	C	E	H	G	T	I	-	-	-	K	E	C	---	---	---	---	---	---	---	---	---	T	L	T	S	N	T	K	C	-	-	166

Consensus #1 L

DDCR	-	-	-	-	-	-	-	A	A	V	C	G	W	R	Q	M	F	W	V	Q	V	L	L	A	G	L	V	V	P	L	225
TNFR1	Q	I	E	N	V	K	G	T	E	D	S	G	T	T	V	L	L	P	L	V	I	F	F	G	L	C	L	L	S	L	227
FAS	-	-	-	-	-	-	-	K	E	E	G	S	R	S	N	L	G	W	L	C	L	L	L	-	-	L	P	I	P	L	186

FIG.3B

Consensus #1

DDCR	[L][G][G][T][L][D][H][I][P][P][L][L][A][H][K][P][L][V][T][A][D][E][A][G][M][E][A][L]	255
TNFR1	[L][F][I][G]-[L][M][Y][R][Y][Q][R][W][K][S][K][L][Y][S][I][V][C][G][K][S][T][P][E][K][E]	256
FAS	I V - - - - - [W][V][K][R][K][E][V] - - - [Q][K][T][C][R][K][H][R]	203

Consensus #1 G P

DDCR	N P P P [G][T][H][L][S][P][L][D][S][A][H][T][L][L][A][P][P][D][S][S][E][K][I][C][T][V]	285
TNFR1	G [E][L][E][G][T][T][T][K][P][L][A][P][N][P][S][F][S][P][T][P][G][F][T][P][T][L][G][F][S]	286
FAS	K [E][N][Q][G][S][H][E][S][P] - - - - -	214

Consensus #1

DDCR	Q L V G N S W [T][P][G][Y][P][E][T][Q][E][A][L][C][P][Q][V][T][W][S][W][D][Q][L] -	315
TNFR1	P V P S S T F [T][S][S][S][T][Y][T][P][G][D] - [C][P][N][F][A][A][P][R][R][E][V][A]	315
FAS	- - - - -	214

Consensus #1 L

DDCR	- [P][S][R][A][L][G][P][A][A][A][P][T][L][S][P][E][S][P][A][G][S] - - - - -	336
TNFR1	P [P][Y][Q][G][A][D][P][I][L][A][T][A][L][A][S][D][P][I][P][N][P][L][Q][K][W][E][D][S][A]	345
FAS	- - - - - [T][L][N][P][E][T][V][A][I][N][L][S] - - - - -	226

FIG.3C

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Consensus #1 K . F V

DDCR	--PAMMLQPGPOLYDVMDAVPARRWKEFV	362
TNFR1	HKPQSLDTDDPATLYAVVENVPPLRWKEFV	375
FAS	-----DVDLSKYITTTIAGVMTLSQVKGFFV	249

Consensus #1 R . . G I L .

DDCR	RTLGLREAEIEAVEVEIGR-FRDQOYEMLK	391
TNFR1	RRLGLSDHEIDRLELONGRCLREAQYSMLA	405
FAS	RKNGVNEAKLDEIKNDNVQDTAEQKVQLLR	279

Consensus #1 . W A L E

DDCR	RWRQQQP- -AGLGAVYAALERMGLDGCVE	418
TNFR1	TWRRTTPRREATLELLGRVLRDMDLLGCLLE	435
FAS	NWHQLHGKKEA-YDTLLIKDLKKANLCTLAEE	308

Consensus #1

DDCR	DL-----RSRLQRGPP	428
TNFR1	DI E E A L-----CGPAA L P P A P S L L R	455
FAS	KIQTIILKDITS D S E N S N F R N E I Q S L V	335

FIG.3D

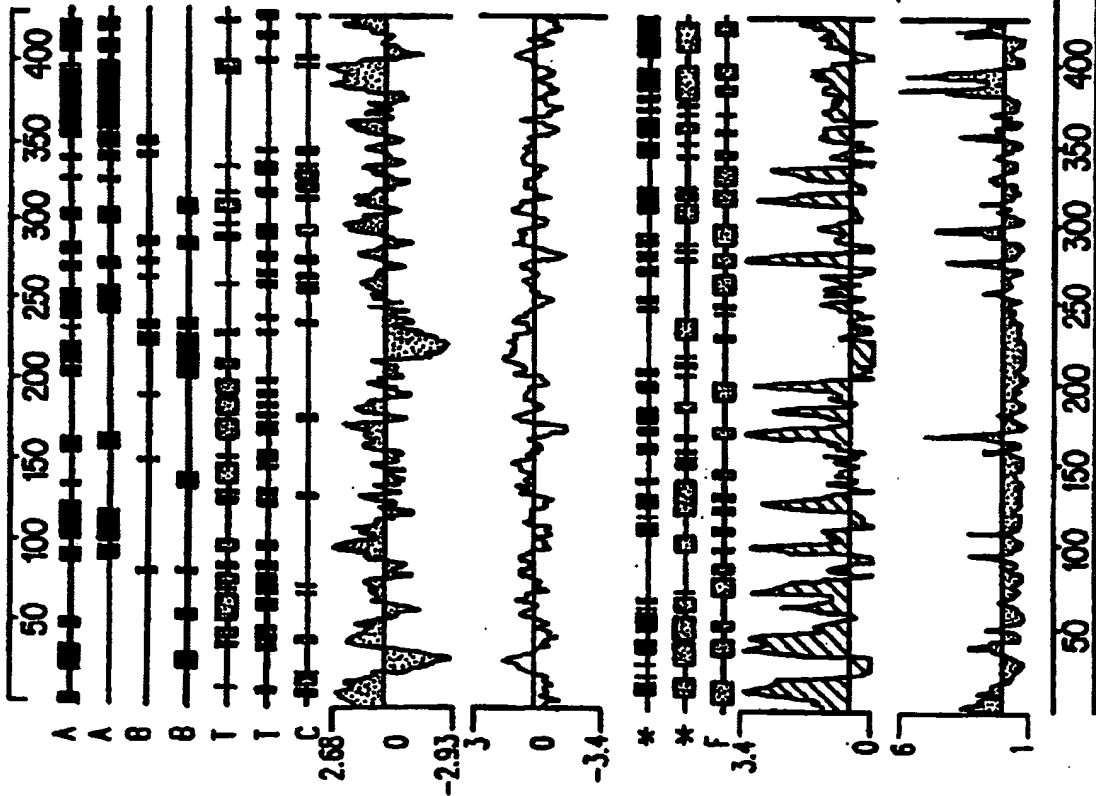


FIG. 4